

Description

Remote peripheral equipment (RPE) increases the 15 m (50 ft) range of the loop between the common equipment (CE) and peripheral equipment (PE) shelves in an SL-1 system.

The increased range enables the PE to be placed closer to the stations it serves, which in turn increases the serving range of the SL-1 system.

RPE uses a carrier link between the local and remote ends. The carrier link may consist of one of the following:

- a wire pair with no repeaters or other interfaces (in-house IRPE)
- a digital carrier link meeting T1 interfacing specifications (such as Northern Telecom LD-1)
- a microwave radio link (which meets T1 interfacing specifications)
- a fiber-optic link (which meets T1 interfacing specifications)